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UTILITY **PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1 52(b))

Attorney Docket No.		NORTH-439A/A-2234	
First Inver	ntor	Steven Allen Schwartz	
Title	SYSTEM AND METHOD FOR AUTOMATIC RECOGNITION OF FORMATIONS IN MOVING TARGET INDICATION DATA		
Express Mail Label No		EL 7 9 4 6 1 0 8 3 8 US	



APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO Assistant Commissioner for Patents Box Patent Application Washington, DC 20231				
1.		7 CD-ROM or C-R in duplicate, large table or Computer Program (Appendix) 8 Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1 27 (if applicable, all necessary) a Computer Readable Form (CRF) b Specification Sequence Listing on: i CD-ROM or CD-R (2 copies), or ii paper c Statements verifying identity of above copies a computer program listing appendix ACCOMPANYING APPLICATION PARTS 9 Assignment Papers (cover sheet & document(s)) 37 CFR 3 73(b) Statement Power of Attorney English Translation Document (if applicable) Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations 7 Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed)				
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1 76 Continuation Prior application information Examiner Continuation-in-part of prior application No Group/Art Unit For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts						
		ONDENCE ADDRESS				
Customer Number of	or Bar Code Label <u>Insert Customer Novon Attar</u>	ch bar code label here or X Customer address below				
Name	Terry J Anderson, Esq NORTHROP GRUMMAN CORPORATION					
Address	1840 Century Park East					
City	Los Angeles State CA Zip Code 90067-2199					
Country	USA					
Name (Print/Type)	Bruce B Brunda	Registration No (Attorney/Agent) 28,497				
Signature	On D Deen	Date 05/31/01				

FEE TRANSMITTAL for FY 2001		Complete if Known			
		Application Number			
		Filing Date	Herewith		
•		First Named Inventor	Steven Allen Schwartz		
Patent fees are subject to annu	ual revision	Examiner Name			
TOTAL AMOUNT OF PAYMENT	^(\$) 786.00	Group Art Unit			
		Attorney Docket No	NORTH-439A/A-2234		

METHOD OF PAYMENT	FEE CALCULATION (continued)
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account	3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid
Number <u>14-1325</u>	
Deposit Account Name Northrop Grumman Corporation x Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17 Applicant claims small entity status See 37 CFR 1 27	105 130 205 65 Surcharge - late filing fee or oath 127 50 227 25 Surcharge - late provisional filing fee or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for ex parte reexamination 112 920* 112 920* Requesting publication of SIR prior
2. Payment Enclosed:	to Examiner action 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action 115 110 215 55 Extension for reply within first month 116 390 216 195 Extension for reply within second month 117 890 217 445 Extension for reply within third month
Creck Credit card I wioney Order I office	118 1,390 218 695 Extension for reply within fourth month 128 1,890 228 945 Extension for reply within fifty month
FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity	119 310 219 155 Notice of Appeal 120 310 220 155 Filing a biref in support of an appeal 121 270 221 135 Request for oral hearing 138 1,510 138 1,510 Petition to institute a public use
Fee Fee Fee Fee Fee Description 101 710 201 355 Utility Filing fee \$710 00 106 320 206 160 Design Filing fee 108 107 490 207 245 Plant Filing fee 108 108 710 208 355 Reissue Filing fee 114 114 150 214 75 Provisional Filing fee	140 110 240 55 Petition to revive-unavoidable 141 1,240 241 620 Petition to revive-unavoidable 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisioanl applications
SUBTOTAL (1) \$ 710 00	126 240 126 240 Submission of Information Disclosure Statement 581 40 5 81 40 Recording each patent assignment per property (times number of properties) 146 710 246 355 Filing a submission after final rejection
2. EXTRA CLAIM FEES	(37 CFR § 1 129(a)) 149 710 249 355 For each additional invention to be
Fee from Extra Claims below Fee Paid	examined 179 710 279 355 Request for Continued Examination (RCE)
Total Claims 22 -20** = 2 X 18 = \$36 00 Independent Claims 2 -3 = 0 X 0 = Multiple Dependent = = = = =	169 900 169 900 Request for expedited examination of a design application Other fee (specify)
Large Entity Small Entity Fee Fee	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) \$_\$ 40 00_

SUBMITTED BY: Complete (if applica				iplete (if applicable)	
Name (Print/Type)	Bruce B Brunda	Registration No Attorney/Agent	28,497	Telephone	(949) 855-1246
Signature	De O Deira			Date	05/31/01

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on <u>May 31, 2001</u> (Date)

Dawn L. Manaino

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

- 1. Utility Patent Application Transmittal (1 pg);
- 2. Fee Transmittal for FY 2001 (1 pg) (in duplicate);
- 3. Patent Application of (27 pgs);
- 4. Drawings (7 pgs);
- 5. Declaration for utility or Design Patent Application (2pgs);
- PATENTS ONLY Recordation Form Cover Sheet (1 pgs);
- 7. Assignment of Application (2 pgs);
- 8. Associate Power of Attorney (1 pg);
- 9. Return Postcard to acknowledge receipt.

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